

L Number	Hits	Search Text	DB	Time stamp
1	25	((multiple or plural\$3 or several or many) near2 (substrate)) with (\$4CVD or coat\$3 or deposit\$3) with (increas\$4) near4 (product\$6 or throughput))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/03 09:08
2	206	((multiple or plural\$3 or several or many) near2 (substrate)) with (\$4CVD or coat\$3 or deposit\$3) with (production or productivity or throughput))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/03 09:09
3	47	((multiple or plural\$3 or several or many) near2 (substrate)) with (\$4CVD or coat\$3 or deposit\$3) with (production or productivity or throughput) near4 (high\$3 or increas\$4 or rais\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/03 09:09
4	22	((multiple or plural\$3 or several or many) near2 (substrate)) with (\$4CVD or coat\$3 or deposit\$3) with (production or productivity or throughput) near4 (high\$3 or increas\$4 or rais\$3)) not (((multiple or plural\$3 or several or many) near2 (substrate)) with (\$4CVD or coat\$3 or deposit\$3) with (increas\$4) near4 (product\$6 or throughput)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/03 09:09
-	27	(Bower.in. or Zhu.in. or Jin.in. or Agere.as.) and ((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) with (defect\$4 or kink\$3 or rectifi\$5 or Schottky or diode))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 10:23
-	27	(Bower.in. or Zhu.in. or Jin.in. or Agere.as.) and ((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) with (defect\$4 or kink\$3 or rectifi\$5 or Schottky or diode or pn or (p adj n) or junction))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 11:18
-	4	(Bower.in. or Zhu.in. or Jin.in. or Agere.as.) and ((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) with (defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl) with (straight or align\$4 or conform\$6))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 10:32

-	4	(Bower.in. or Zhu.in. or Jin.in. or Agere.as.) and ((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) with (defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled) with (straight or align\$4 or conform\$6))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 10:53
-	7	(Bower.in. or Zhu.in. or Jin.in. or Agere.as.) and ((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) same (defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled) same (straight or align\$4 or conform\$6))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 10:34
-	3	((Bower.in. or Zhu.in. or Jin.in. or Agere.as.) and ((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) same (defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled) same (straight or align\$4 or conform\$6))) not ((Bower.in. or Zhu.in. or Jin.in. or Agere.as.) and ((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) with (defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled) with (straight or align\$4 or conform\$6)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 10:33
-	5	(Bower.in. or Zhu.in. or Jin.in. or Agere.as.) and (CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) and ((defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled) with (off or plasma or (electric\$4 near2 field) or thermal\$3 or pyrol\$6 or \$4CVD or (vapor near2 deposit\$3))) and ((straight or align\$4 or conform\$6) with (on or plasma or (electric\$4 near2 field) or \$4CVD or (vapor near2 deposit\$3)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 11:26

-	2	(Bower.in. or Zhu.in. or Jin.in. or Agere.as.) and (CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) and ((defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled) with (off) with (plasma or (electric\$4 near2 field)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 11:30
-	1	(Bower.in. or Zhu.in. or Jin.in. or Agere.as.) and (CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) and ((off) near4 (plasma or (electric\$4 near2 field)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 11:32
-	2740	((427/569,575,577) or (118/723R,723MW)).CCLS.	USPAT; US-PGPUB	2004/03/02 10:47
-	1266	(427/77,78,122).CCLS.	USPAT; US-PGPUB	2004/03/02 10:48
-	677	((427/79) or (438/570)).CCLS.	USPAT; US-PGPUB	2004/03/02 10:48
-	875	(427/249.1,255.23,255.28).CCLS.	USPAT; US-PGPUB	2004/03/02 10:48
-	1461	(427/256,261).CCLS.	USPAT; US-PGPUB	2004/03/02 10:48
-	232	(427/301).CCLS.	USPAT; US-PGPUB	2004/03/02 10:48
-	14	(427/903).CCLS.	USPAT; US-PGPUB	2004/03/02 10:49
-	1424	(423/445R,445B,447.1,447.2,447.3).CCLS.	USPAT; US-PGPUB	2004/03/02 10:49
-	8273	((427/569,575,577) or (118/723R,723MW)).CCLS.) ((427/77,78,122).CCLS.) ((427/79) or (438/570)).CCLS.) ((427/249.1,255.23,255.28).CCLS.) ((427/256,261).CCLS.) ((427/301).CCLS.) ((427/903).CCLS.) ((423/445R,445B,447.1,447.2,447.3).CCLS.)	USPAT; US-PGPUB	2004/03/02 10:49
-	2	((427/79) or (438/570)).CCLS.) and (CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure))	USPAT; US-PGPUB	2004/03/02 10:51
-	16	((427/256,261).CCLS.) and (CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure))	USPAT; US-PGPUB	2004/03/02 10:51

-	16	<p>((((427/569,575,577) or (118/723R,723MW)).CCLS.) ((427/77,78,122).CCLS.) ((427/79) or (438/570)).CCLS.) ((427/249.1,255.23,255.28).CCLS.) ((427/256,261).CCLS.) ((427/301).CCLS.) ((427/903).CCLS.) ((423/445R,445B,447.1,447.2,447.3).CCLS.)) and ((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) with (defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled) with (straight or align\$4 or conform\$6))</p>	USPAT; US-PGPUB	2004/03/02 12:12
-	15	<p>((((427/569,575,577) or (118/723R,723MW)).CCLS.) ((427/77,78,122).CCLS.) ((427/79) or (438/570)).CCLS.) ((427/249.1,255.23,255.28).CCLS.) ((427/256,261).CCLS.) ((427/301).CCLS.) ((427/903).CCLS.) ((423/445R,445B,447.1,447.2,447.3).CCLS.)) and ((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) with (defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled) with (straight or align\$4 or conform\$6))) not ((Bower.in. or Zhu.in. or Jin.in. or Agere.as.) and ((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) same (defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled) same (straight or align\$4 or conform\$6)))</p>	USPAT; US-PGPUB	2004/03/02 10:55

-	65	((((427/569,575,577) or (118/723R,723MW)).CCLS.) ((427/77,78,122).CCLS.) (((427/79) or (438/570)).CCLS.) ((427/249.1,255.23,255.28).CCLS.) ((427/256,261).CCLS.) ((427/301).CCLS.) ((427/903).CCLS.) ((423/445R,445B,447.1,447.2,447.3).CCLS.)) and ((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) with (defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled)) and ((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) with (straight or align\$4 or conform\$6))	USPAT; US-PGPUB	2004/03/02 11:07
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-	49	((((427/569,575,577) or (118/723R,723MW)).CCLS.) ((427/77,78,122).CCLS.) (((427/79) or (438/570)).CCLS.) ((427/249.1,255.23,255.28).CCLS.) ((427/256,261).CCLS.) ((427/301).CCLS.) ((427/903).CCLS.) ((423/445R,445B,447.1,447.2,447.3).CCLS.)) and ((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) with (defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled)) and ((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) with (straight or align\$4 or conform\$6))) not (((((427/569,575,577) or (118/723R,723MW)).CCLS.) ((427/77,78,122).CCLS.) (((427/79) or (438/570)).CCLS.) ((427/249.1,255.23,255.28).CCLS.) ((427/256,261).CCLS.) ((427/301).CCLS.) ((427/903).CCLS.) ((423/445R,445B,447.1,447.2,447.3).CCLS.)) and ((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) with (defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled) with (straight or align\$4 or conform\$6)))	USPAT; US-PGPUB	2004/03/02 11:07
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-	52	<p> ((((427/569,575,577) or  (118/723R,723MW)).CCLS.)  ((427/77,78,122).CCLS.) (((427/79) or  (438/570)).CCLS.)  ((427/249.1,255.23,255.28).CCLS.)  ((427/256,261).CCLS.) ((427/301).CCLS.)  ((427/903).CCLS.)  ((423/445R,445B,447.1,447.2,447.3).CCLS.))  and ((CNT or SWCNT or MWCNT or SWNT or  MWNT or nanotube or (nano adj tube) or  nanopipe or (nano adj pipe) or (fullerene  adj tube) or (buckytube) or (bucky adj  tube) or nanofiber or (nano adj fiber) or  nanofilament or (nano adj filament) or  nanorod or nanowire or (nano adj wire) or  nanostructure or (nano adj structure))  with (rectifi\$5 or Schottky or diode or pn  or (p adj n) or \$7junction))) not  ((Bower.in. or Zhu.in. or Jin.in. or  Agere.as.) and ((CNT or SWCNT or MWCNT or  SWNT or MWNT or nanotube or (nano adj  tube) or nanopipe or (nano adj pipe) or  (fullerene adj tube) or (buckytube) or  (bucky adj tube) or nanofiber or (nano adj  fiber) or nanofilament or (nano adj  filament) or nanorod or nanowire or (nano  adj wire) or nanostructure or (nano adj  structure)) with (defect\$4 or kink\$3 or  rectifi\$5 or Schottky or diode or pn or (p  adj n) or junction))) </p>	USPAT; US-PGPUB	2004/03/02 11:20
-	6	<p> ((((427/569,575,577) or  (118/723R,723MW)).CCLS.)  ((427/77,78,122).CCLS.) (((427/79) or  (438/570)).CCLS.)  ((427/249.1,255.23,255.28).CCLS.)  ((427/256,261).CCLS.) ((427/301).CCLS.)  ((427/903).CCLS.)  ((423/445R,445B,447.1,447.2,447.3).CCLS.))  and (CNT or SWCNT or MWCNT or SWNT or MWNT  or nanotube or (nano adj tube) or nanopipe  or (nano adj pipe) or (fullerene adj tube)  or (buckytube) or (bucky adj tube) or  nanofiber or (nano adj fiber) or  nanofilament or (nano adj filament) or  nanorod or nanowire or (nano adj wire) or  nanostructure or (nano adj structure)) and  ((defect\$4 or kink\$3 or bent or bend\$3 or  curly or curling or curl or curled) with  (off or plasma or (electric\$4 near2 field)  or thermal\$3 or pyrol\$6 or \$4CVD or (vapor  near2 deposit\$3))) and ((straight or  align\$4 or conform\$6) with (on or plasma  or (electric\$4 near2 field) or \$4CVD or  (vapor near2 deposit\$3))) </p>	USPAT; US-PGPUB	2004/03/02 12:19

-	1	(((427/569,575,577) or (118/723R,723MW)).CCLS.) ((427/77,78,122).CCLS.) (((427/79) or (438/570)).CCLS.) ((427/249.1,255.23,255.28).CCLS.) ((427/256,261).CCLS.) ((427/301).CCLS.) ((427/903).CCLS.) ((423/445R,445B,447.1,447.2,447.3).CCLS.)) and (CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) and ((defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled) with (off) with (plasma or (electric\$4 near2 field)))	USPAT; US-PGPUB	2004/03/02 12:00
-	5	(((427/569,575,577) or (118/723R,723MW)).CCLS.) ((427/77,78,122).CCLS.) (((427/79) or (438/570)).CCLS.) ((427/249.1,255.23,255.28).CCLS.) ((427/256,261).CCLS.) ((427/301).CCLS.) ((427/903).CCLS.) ((423/445R,445B,447.1,447.2,447.3).CCLS.)) and (CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) and ((off) near5 (plasma or (electric\$4 near2 field)))	USPAT; US-PGPUB	2004/03/02 11:44



-	4	((((427/569,575,577) or (118/723R,723MW)).CCLS.) ((427/77,78,122).CCLS.) (((427/79) or (438/570)).CCLS.) (427/249.1,255.23,255.28).CCLS.) (427/256,261).CCLS.) ((427/301).CCLS.) (427/903).CCLS.) (423/445R,445B,447.1,447.2,447.3).CCLS.)) and (CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) and ((off) near5 (plasma or (electric\$4 near2 field)))) not (((((427/569,575,577) or (118/723R,723MW)).CCLS.) (427/77,78,122).CCLS.) (((427/79) or (438/570)).CCLS.) (427/249.1,255.23,255.28).CCLS.) (427/256,261).CCLS.) ((427/301).CCLS.) (427/903).CCLS.) (423/445R,445B,447.1,447.2,447.3).CCLS.)) and (CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) and ((defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled) with (off) with (plasma or (electric\$4 near2 field))))	USPAT; US-PGPUB	2004/03/02 11:33
-	17	((((427/569,575,577) or (118/723R,723MW)).CCLS.) ((427/77,78,122).CCLS.) (((427/79) or (438/570)).CCLS.) (427/249.1,255.23,255.28).CCLS.) (427/256,261).CCLS.) ((427/301).CCLS.) (427/903).CCLS.) (423/445R,445B,447.1,447.2,447.3).CCLS.)) and (CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) and ((pulse or pulsed or intermit\$7 or pulsing) near3 (plasma or (electric\$4 near2 field)))	USPAT; US-PGPUB	2004/03/02 11:40

-	0	(((427/569,575,577) or (118/723R,723MW)).CCLS.) ((427/77,78,122).CCLS.) (((427/79) or (438/570)).CCLS.) ((427/249.1,255.23,255.28).CCLS.) ((427/256,261).CCLS.) ((427/301).CCLS.) ((427/903).CCLS.) ((423/445R,445B,447.1,447.2,447.3).CCLS.)) and (CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) same ((pulse or pulsed or intermit\$7 or pulsing) near3 (plasma or (electric\$4 near2 field)))	USPAT; US-PGPUB	2004/03/02 12:42
-	74	(((427/569,575,577) or (118/723R,723MW)).CCLS.) ((427/77,78,122).CCLS.) (((427/79) or (438/570)).CCLS.) ((427/249.1,255.23,255.28).CCLS.) ((427/256,261).CCLS.) ((427/301).CCLS.) ((427/903).CCLS.) ((423/445R,445B,447.1,447.2,447.3).CCLS.)) and ((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) same (pyrol\$6 or thermal\$3 or APCVD or CVD) same (plasma or PECVD or PCVD or PACVD or (P adj CVD) or (electric near2 field) or glow or discharge))	USPAT; US-PGPUB	2004/03/02 11:48
-	102	(((427/569,575,577) or (118/723R,723MW)).CCLS.) ((427/77,78,122).CCLS.) (((427/79) or (438/570)).CCLS.) ((427/249.1,255.23,255.28).CCLS.) ((427/256,261).CCLS.) ((427/301).CCLS.) ((427/903).CCLS.) ((423/445R,445B,447.1,447.2,447.3).CCLS.)) and ((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) same (pyrol\$6 or thermal\$3 or APCVD or ((heat\$3 or pressure or thermal\$3 near2 (CVD or (vapor near2 deposit\$3)))) same (plasma or PECVD or PCVD or PACVD or (P adj CVD) or (electric near2 field) or glow or discharge))	USPAT; US-PGPUB	2004/03/02 11:50

-	60	(((427/569,575,577) or (118/723R,723MW)).CCLS.) ((427/77,78,122).CCLS.) ((427/79) or (438/570)).CCLS.) ((427/249.1,255.23,255.28).CCLS.) ((427/256,261).CCLS.) ((427/301).CCLS.) ((427/903).CCLS.) ((423/445R,445B,447.1,447.2,447.3).CCLS.)) and ((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanotube or (nano adj tube) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) same (pyrol\$6 or thermal\$3 or APCVD or ((heat\$3 or pressure or thermal\$3) near2 (CVD or (vapor near2 deposit\$3)))) same (plasma or PECVD or PCVD or PACVD or (P adj CVD) or (electric near2 field) or glow or discharge))	USPAT; US-PGPUB	2004/03/02 11:51
-	3	(((427/569,575,577) or (118/723R,723MW)).CCLS.) ((427/77,78,122).CCLS.) ((427/79) or (438/570)).CCLS.) ((427/249.1,255.23,255.28).CCLS.) ((427/256,261).CCLS.) ((427/301).CCLS.) ((427/903).CCLS.) ((423/445R,445B,447.1,447.2,447.3).CCLS.)) and ((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanotube or (nano adj tube) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) same (pyrol\$6 or thermal\$3 or APCVD or ((heat\$3 or pressure or thermal\$3) near2 (CVD or (vapor near2 deposit\$3)))) same (plasma or PECVD or PCVD or PACVD or (P adj CVD) or (electric near2 field) or glow or discharge)) same (combination or together)	USPAT; US-PGPUB	2004/03/02 12:29

-	57	<p>(((((427/569,575,577) or (118/723R,723MW)).CCLS.) ((427/77,78,122).CCLS.) (((427/79) or (438/570)).CCLS.) ((427/249.1,255.23,255.28).CCLS.) ((427/256,261).CCLS.) ((427/301).CCLS.) ((427/903).CCLS.) ((423/445R,445B,447.1,447.2,447.3).CCLS.)) and ((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) same (pyrol\$6 or thermal\$3 or APCVD or ((heat\$3 or pressure or thermal\$3) near2 (CVD or (vapor near2 deposit\$3)))) same (plasma or PECVD or PCVD or PACVD or (P adj CVD) or (electric near2 field) or glow or discharge))) not (((((427/569,575,577) or (118/723R,723MW)).CCLS.) ((427/77,78,122).CCLS.) (((427/79) or (438/570)).CCLS.) ((427/249.1,255.23,255.28).CCLS.) ((427/256,261).CCLS.) ((427/301).CCLS.) ((427/903).CCLS.) ((423/445R,445B,447.1,447.2,447.3).CCLS.)) and ((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) same (pyrol\$6 or thermal\$3 or APCVD or ((heat\$3 or pressure or thermal\$3) near2 (CVD or (vapor near2 deposit\$3)))) same (plasma or PECVD or PCVD or PACVD or (P adj CVD) or (electric near2 field) or glow or discharge)) same (combination or together)))</p>	USPAT; US-PGPUB	2004/03/02 11:53
-	2	<p>(CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) and ((defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled) with (off) with (microwave or RF or plasma or (electric\$4 near2 field))) and ((straight or conform\$8 or align\$5) with (microwave or RF or plasma or (electric near2 field)))</p>	USPAT; US-PGPUB	2004/03/02 13:15

-	4	(CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) and ((defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled) with (off or "without") with (microwave or RF or plasma or (electric\$4 near2 field))) and ((straight or conform\$8 or align\$5) with (microwave or RF or plasma or (electric near2 field)))	USPAT; US-PGPUB	2004/03/02 13:12
-	2	((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) and ((defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled) with (off or "without") with (microwave or RF or plasma or (electric\$4 near2 field))) and ((straight or conform\$8 or align\$5) with (microwave or RF or plasma or (electric near2 field)))) not ((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) and ((defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled) with (off) with (microwave or RF or plasma or (electric\$4 near2 field))) and ((straight or conform\$8 or align\$5) with (microwave or RF or plasma or (electric near2 field))))	USPAT; US-PGPUB	2004/03/02 12:05
-	4	(CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) and ((defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled) with (off or "without" or absent) with (microwave or RF or plasma or (electric\$4 near2 field))) and ((straight or conform\$8 or align\$5) with (microwave or RF or plasma or (electric near2 field)))	USPAT; US-PGPUB	2004/03/02 13:11

-	0	((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) and ((defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled) with (off or "without" or absent) with (microwave or RF or plasma or (electric\$4 near2 field))) and ((straight or conform\$8 or align\$5) with (microwave or RF or plasma or (electric near2 field)))) not ((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) and ((defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled) with (off or "without") with (microwave or RF or plasma or (electric\$4 near2 field))) and ((straight or conform\$8 or align\$5) with (microwave or RF or plasma or (electric near2 field))))	USPAT; US-PGPUB	2004/03/02 12:07
-	59	((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) with (defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled) with (straight or align\$4 or conform\$6))	USPAT; US-PGPUB	2004/03/02 13:11
-	43	((((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) with (defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled) with (straight or align\$4 or conform\$6))) not (((((427/569,575,577) or (118/723R,723MW)).CCLS.) ((427/77,78,122).CCLS.) ((427/79) or (438/570)).CCLS.) ((427/249.1,255.23,255.28).CCLS.) ((427/256,261).CCLS.) ((427/301).CCLS.) ((427/903).CCLS.) ((423/445R,445B,447.1,447.2,447.3).CCLS.)) and ((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) with (defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled) with (straight or align\$4 or conform\$6))))	USPAT; US-PGPUB	2004/03/02 12:08

-	53	(((427/569,575,577) or (118/723R,723MW)).CCLS.) ((427/77,78,122).CCLS.) ((427/79) or (438/570)).CCLS.) ((427/249.1,255.23,255.28).CCLS.) ((427/256,261).CCLS.) ((427/301).CCLS.) ((427/903).CCLS.) ((423/445R,445B,447.1,447.2,447.3).CCLS.)) and ((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) with (rectifi\$5 or Schottky or diode or pn or (p adj n) or \$7junction))	USPAT; US-PGPUB	2004/03/02 12:14
-	9	((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) with (rectifi\$5 or Schottky or diode or pn or (p adj n) or \$7junction) with (defect\$4 or kink\$3 or bend\$3 or bent))	USPAT; US-PGPUB	2004/03/02 12:17
-	13	((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) same ((rectifi\$5 or Schottky or diode or pn or (p adj n) or \$7junction) with (defect\$4 or kink\$3 or bend\$3 or bent)))	USPAT; US-PGPUB	2004/03/02 13:08
-	4	(((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) same ((rectifi\$5 or Schottky or diode or pn or (p adj n) or \$7junction) with (defect\$4 or kink\$3 or bend\$3 or bent)))) not (((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) with (rectifi\$5 or Schottky or diode or pn or (p adj n) or \$7junction) with (defect\$4 or kink\$3 or bend\$3 or bent)))	USPAT; US-PGPUB	2004/03/02 12:19

-	51	(CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) and ((defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled) with (off or plasma or (electric\$4 near2 field) or thermal\$3 or pyrol\$6 or \$4CVD or (vapor near2 deposit\$3))) and ((straight or align\$4 or conform\$6) with (on or plasma or (electric\$4 near2 field) or \$4CVD or (vapor near2 deposit\$3)))	USPAT; US-PGPUB	2004/03/02 13:05
-	42	((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) and ((defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled) with (off or plasma or (electric\$4 near2 field) or thermal\$3 or pyrol\$6 or \$4CVD or (vapor near2 deposit\$3))) and ((straight or align\$4 or conform\$6) with (on or plasma or (electric\$4 near2 field) or \$4CVD or (vapor near2 deposit\$3)))) not (((((427/569,575,577) or (118/723R,723MW)).CCLS.) ((427/77,78,122).CCLS.) (((427/79) or (438/570)).CCLS.) ((427/249.1,255.23,255.28).CCLS.) ((427/256,261).CCLS.) ((427/301).CCLS.) ((427/903).CCLS.) ((423/445R,445B,447.1,447.2,447.3).CCLS.)) and (CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) and ((defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled) with (off or plasma or (electric\$4 near2 field) or thermal\$3 or pyrol\$6 or \$4CVD or (vapor near2 deposit\$3))) and ((straight or align\$4 or conform\$6) with (on or plasma or (electric\$4 near2 field) or \$4CVD or (vapor near2 deposit\$3)))) or ((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) and ((defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled) with (off or "without" or absent) with (microwave or RF or plasma or (electric\$4 near2 field))) and ((straight or conform\$8 or align\$5) with (microwave or RF or plasma or (electric near2 field))))))	USPAT; US-PGPUB	2004/03/02 12:22



-	13	((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) same (pyrol\$6 or thermal\$3 or APCVD or ((heat\$3 or pressure or thermal\$3) near2 (CVD or (vapor near2 deposit\$3)))) same (plasma or PECVD or PCVD or PACVD or (P adj CVD) or (electric near2 field) or glow or discharge)) same (combination or together)	USPAT; US-PGPUB	2004/03/02 12:34
-	10	((((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) same (pyrol\$6 or thermal\$3 or APCVD or ((heat\$3 or pressure or thermal\$3) near2 (CVD or (vapor near2 deposit\$3)))) same (plasma or PECVD or PCVD or PACVD or (P adj CVD) or (electric near2 field) or glow or discharge)) same (combination or together)) not (((((427/569,575,577) or (118/723R,723MW)).CCLS.) ((427/77,78,122).CCLS.) (((427/79) or (438/570)).CCLS.) ((427/249.1,255.23,255.28).CCLS.) ((427/256,261).CCLS.) ((427/301).CCLS.) ((427/903).CCLS.) ((423/445R,445B,447.1,447.2,447.3).CCLS.)) and ((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) same (pyrol\$6 or thermal\$3 or APCVD or ((heat\$3 or pressure or thermal\$3) near2 (CVD or (vapor near2 deposit\$3)))) same (plasma or PECVD or PCVD or PACVD or (P adj CVD) or (electric near2 field) or glow or discharge)) same (combination or together))	USPAT; US-PGPUB	2004/03/02 12:31
-	235	((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) same (pyrol\$6 or thermal\$3 or APCVD or ((heat\$3 or pressure or thermal\$3) near2 (CVD or (vapor near2 deposit\$3)))) same (plasma or PECVD or PCVD or PACVD or (P adj CVD) or (electric near2 field) or glow or discharge))	USPAT; US-PGPUB	2004/03/02 12:56

-	61	((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) same (pyrol\$6 or APCVD or ((heat\$3 or pressure or thermal\$3) near2 (CVD or (vapor near2 deposit\$3)))) with (plasma or PECVD or PCVD or PACVD or (P adj CVD) or (electric near2 field) or glow or discharge))	USPAT; US-PGPUB	2004/03/02 12:37
-	42	((((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) same (pyrol\$6 or APCVD or ((heat\$3 or pressure or thermal\$3) near2 (CVD or (vapor near2 deposit\$3)))) with (plasma or PECVD or PCVD or PACVD or (P adj CVD) or (electric near2 field) or glow or discharge)) ) not ((((((427/569,575,577) or (118/723R,723MW)).CCLS.) ((427/77,78,122).CCLS.) (((427/79) or (438/570)).CCLS.) ((427/249.1,255.23,255.28).CCLS.) ((427/256,261).CCLS.) ((427/301).CCLS.) ((427/903).CCLS.) ((423/445R,445B,447.1,447.2,447.3).CCLS.)) and ((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) same (pyrol\$6 or thermal\$3 or APCVD or ((heat\$3 or pressure or thermal\$3) near2 (CVD or (vapor near2 deposit\$3)))) same (plasma or PECVD or PCVD or PACVD or (P adj CVD) or (electric near2 field) or glow or discharge)) or (((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) same (pyrol\$6 or thermal\$3 or APCVD or ((heat\$3 or pressure or thermal\$3) near2 (CVD or (vapor near2 deposit\$3)))) same (plasma or PECVD or PCVD or PACVD or (P adj CVD) or (electric near2 field) or glow or discharge)) same (combination or together)))	USPAT; US-PGPUB	2004/03/02 12:37

-	18	(CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) same ((pulse or pulsed or intermit\$7 or pulsing or (on near2 off) or (stop\$4 near4 start\$4) or interupt\$6 or interrupt\$5) near3 (plasma or (electric\$4 near2 field) or glow or discharge or microwave))	USPAT; US-PGPUB	2004/03/02 12:48
-	25	(CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) same ((pulse or pulsed or intermit\$7 or pulsing or (on near2 off) or (stop\$4 near4 start\$4) or interupt\$6 or interrupt\$5) near5 (plasma or (electric\$4 near2 field) or glow or discharge or microwave or \$4CVD))	USPAT; US-PGPUB	2004/03/02 13:18
-	7	((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) same ((pulse or pulsed or intermit\$7 or pulsing or (on near2 off) or (stop\$4 near4 start\$4) or interupt\$6 or interrupt\$5) near5 (plasma or (electric\$4 near2 field) or glow or discharge or microwave or \$4CVD))) not ((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) same ((pulse or pulsed or intermit\$7 or pulsing or (on near2 off) or (stop\$4 near4 start\$4) or interupt\$6 or interrupt\$5) near3 (plasma or (electric\$4 near2 field) or glow or discharge or microwave)))	USPAT; US-PGPUB	2004/03/02 12:50
-	6	(CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure) or nomaterial or (nano adj material)) and ((pulse or pulsed or intermit\$7 or pulsing or (on near2 off) or (stop\$4 near4 start\$4) or interupt\$6 or interrupt\$5) near5 (plasma or (electric\$4 near2 field) or glow or discharge or microwave or \$4CVD))	EPO; JPO; DERWENT; IBM_TDB	2004/03/02 13:16

-	30	((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) and (pyrol\$6 or thermal\$3 or APCVD or ((heat\$3 or pressure or thermal\$3) near2 (CVD or (vapor near2 deposit\$3)))) same (plasma or PECVD or PCVD or PACVD or (P adj CVD) or (electric near2 field) or glow or discharge))	EPO; JPO; DERWENT; IBM_TDB	2004/03/02 13:02
-	0	((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) and (pyrol\$6 or thermal\$3 or APCVD or ((heat\$3 or pressure or thermal\$3) near2 (CVD or (vapor near2 deposit\$3)))) same (plasma or PECVD or PCVD or PACVD or (P adj CVD) or (electric near2 field) or glow or discharge) same (together or combination))	EPO; JPO; DERWENT; IBM_TDB	2004/03/02 13:03
-	1	(CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) and ((defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled or coil\$3) with (off or plasma or (electric\$4 near2 field) or thermal\$3 or pyrol\$6 or \$4CVD or (vapor near2 deposit\$3))) and ((straight or align\$4 or conform\$6) with (on or plasma or (electric\$4 near2 field) or \$4CVD or (vapor near2 deposit\$3)))	EPO; JPO; DERWENT; IBM_TDB	2004/03/02 13:16
-	1	((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) and ((rectifi\$5 or Schottky or diode or pn or (p adj n) or \$7junction) with (defect\$4 or kink\$3 or bend\$3 or bent)))	EPO; JPO; DERWENT; IBM_TDB	2004/03/02 13:09
-	2	((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) with (defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled or coil\$3) with (straight or align\$4 or conform\$6))	EPO; JPO; DERWENT; IBM_TDB	2004/03/02 13:10

-	0	(CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) and ((defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled or coil\$3) with (off or "without" or absent) with (microwave or RF or plasma or (electric\$4 near2 field))) and ((straight or conform\$8 or align\$5) with (microwave or RF or plasma or (electric near2 field)))	EPO; JPO; DERWENT; IBM_TDB	2004/03/02 13:11
-	1413	(CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) and ((defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled or coil\$3) and (microwave or RF or plasma or (electric\$4 near2 field) or glow or discharge)) and ((straight or conform\$8 or align\$5) )	USPAT; US-PGPUB	2004/03/02 13:14
-	3	(CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) and ((defect\$4 or kink\$3 or bent or bend\$3 or curly or curling or curl or curled or coil\$3) and (microwave or RF or plasma or (electric\$4 near2 field) or glow or discharge)) and ((straight or conform\$8 or align\$5) )	EPO; JPO; DERWENT; IBM_TDB	2004/03/02 13:15
-	182	(CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure) or nanomaterial or (nano adj material)) and ((pulse or pulsed or intermit\$7 or pulsing or (on near2 off) or (stop\$4 near4 start\$4) or interrupt\$6 or interrupt\$5) near5 (plasma or (electric\$4 near2 field) or glow or discharge or microwave or \$4CVD))	USPAT; US-PGPUB	2004/03/02 13:33

-	157	((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure) or nanomaterial or (nano adj material)) and ((pulse or pulsed or intermit\$7 or pulsing or (on near2 off) or (stop\$4 near4 start\$4) or interupt\$6 or interrupt\$5) near5 (plasma or (electric\$4 near2 field) or glow or discharge or microwave or \$4CVD))) not ((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure)) same ((pulse or pulsed or intermit\$7 or pulsing or (on near2 off) or (stop\$4 near4 start\$4) or interupt\$6 or interrupt\$5) near5 (plasma or (electric\$4 near2 field) or glow or discharge or microwave or \$4CVD)))	USPAT; US-PGPUB	2004/03/02 13:19
-	35	(CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure) or nanomaterial or (nano adj material)) same ((thermal or pyrol\$6) near3 (\$4CVD or (vapor adj deposit\$3))) same (PECVD or PACVD or PCVD or (P adj CVD) or (glow adj discharge) or (plasma near3 (\$4CVD or (vapor adj deposit\$3))))	USPAT; US-PGPUB	2004/03/02 13:41
-	3	(CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure) or nanomaterial or (nano adj material)) and (((thermal or pyrol\$6) near3 (\$4CVD or (vapor adj deposit\$3))) same (PECVD or PACVD or PCVD or (P adj CVD) or (glow adj discharge) or (plasma near3 (\$4CVD or (vapor adj deposit\$3)))) same (kink\$3 or defect\$5 or junction or heterojunction or bend\$3 or coil\$3 or curl\$3 or bent)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 13:46

-	12	(CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure) or nanomaterial or (nano adj material)) and (((thermal or pyrol\$6) near3 (\$4CVD or (vapor adj deposit\$3))) same (PECVD or PACVD or PCVD or (P adj CVD) or (glow adj discharge) or (plasma near3 (\$4CVD or (vapor adj deposit\$3)))) same (combin\$6 or together or conjunction)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 15:54
-	0	(CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure) or nanomaterial or (nano adj material)) same (base near2 grow\$3) same (encapsulat\$5 near5 (particle or island or cataly\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 15:57
-	10	(CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure) or nanomaterial or (nano adj material)) same (base near2 grow\$3) same ((particle or island or cataly\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 16:21
-	10	(CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure) or nanomaterial or (nano adj material)) same (((multiple or plural\$3 or several or many) near3 (substrate)) with (product\$6 or increas\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 16:27
-	124	(CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure) or nanomaterial or (nano adj material)) same (((multiple or plural\$3 or several or many) near2 (substrate)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 16:30

-	114	((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure) or nanomaterial or (nano adj material)) same (((multiple or plural\$3 or several or many) near2 (substrate)))) not ((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure) or nanomaterial or (nano adj material)) same (((multiple or plural\$3 or several or many) near3 (substrate)) with (product\$6 or increas\$3)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 16:29
-	29	(CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure) or nanomaterial or (nano adj material)) same (((multiple or plural\$3 or several or many) near2 (substrate)) with (\$4CVD or coat\$3 or deposit\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/03 09:05
-	15	((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure) or nanomaterial or (nano adj material)) same (\$4CVD or (vapor near2 deposit\$3)) same length same etch\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 16:48
-	16	((CNT or SWCNT or MWCNT or SWNT or MWNT or nanotube or (nano adj tube) or nanopipe or (nano adj pipe) or (fullerene adj tube) or (buckytube) or (bucky adj tube) or nanofiber or (nano adj fiber) or nanofilament or (nano adj filament) or nanorod or nanowire or (nano adj wire) or nanostructure or (nano adj structure) or nanomaterial or (nano adj material)) same (ammonia or NH3 or "NH.sub.3") with etch\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 16:50